

Title (en)
Plasma display panel

Title (de)
Plasmaanzeigetafel

Title (fr)
Panneau d'affichage à plasma

Publication
EP 1806763 A3 20091125 (EN)

Application
EP 07000196 A 20070105

Priority
KR 20060001250 A 20060105

Abstract (en)
[origin: EP1806763A2] A plasma display panel is provided. The plasma display panel includes a front substrate (200) and a rear substrate (210) adjoined together with a given distance therebetween, a barrier rib (112) partitioning discharge spaces and non-discharge spaces between the front substrate and the rear substrate, and a black layer (206) shielding the non-discharge spaces. A ratio of the area of the discharge spaces to the area of the discharge cells ranges from about 0.45 to about 0.59.

IPC 8 full level
H01J 11/12 (2012.01); **H01J 11/22** (2012.01); **H01J 11/24** (2012.01); **H01J 11/26** (2012.01); **H01J 11/34** (2012.01); **H01J 11/36** (2012.01); **H01J 11/38** (2012.01); **H01J 11/40** (2012.01); **H01J 11/42** (2012.01); **H01J 11/44** (2012.01)

CPC (source: EP KR US)
A61L 2/0094 (2013.01 - KR); **B05B 12/14** (2013.01 - KR); **E03D 9/08** (2013.01 - KR); **H01J 11/12** (2013.01 - EP US); **H01J 11/36** (2013.01 - EP US); **H01J 2211/361** (2013.01 - EP US); **H01J 2211/365** (2013.01 - EP US); **H01J 2211/444** (2013.01 - EP US)

Citation (search report)

- [XY] EP 1187166 A2 20020313 - FUJITSU HITACHI PLASMA DISPLAY [JP]
- [X] US 2004235385 A1 20041125 - MATSUSHIMA HIDEAKI [JP]
- [X] WO 2005042427 A2 20050512 - 3M INNOVATIVE PROPERTIES CO [US]
- [Y] US 6566812 B1 20030520 - TORISAKI YASUHIRO [JP], et al
- [Y] EP 0159410 A1 19851030 - SULZER AG [CH]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1806763 A2 20070711; **EP 1806763 A3 20091125**; **EP 1806763 B1 20120425**; CN 100562967 C 20091125; CN 1996542 A 20070711; JP 2007184282 A 20070719; KR 100761137 B1 20070921; KR 20070073401 A 20070710; US 2007152581 A1 20070705; US 7550922 B2 20090623

DOCDB simple family (application)
EP 07000196 A 20070105; CN 200710000197 A 20070105; JP 2007000812 A 20070105; KR 20060001250 A 20060105; US 62037607 A 20070105